

FORM PTO-1449 (Modified)

LIST OF PATENTS AND PUBLICATIONS FOR
APPLICANT'S INFORMATION
DISCLOSURE STATEMENT

ATTY. DOCKET NO.

AVANEX 1449P

SERIAL NO.

Unknown

APPLICANT:

Cao

FILING DATE:

September 23, 1999

GROUP:

Unknown

(Use several sheets if necessary)

JCS53 U.S. PTO
 09/A04416
 09/23/99

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPRO.)
RDS	4 9 7 8 1 8 9	Dec 18, 1990	Blonder et al.			
RDS	4 9 8 8 1 7 0	Jan 29, 1991	Buhrer			
RDS	5 5 7 4 5 9 6	Nov 12, 1996	Cheng			
RDS	4 4 6 4 0 2 2	Aug 7, 1984	Emkey			
RDS	5 2 0 4 7 7 1	Apr 20, 1993	Koga			
RDS	5 3 1 9 4 8 3	Jun 7, 1994	Krasinski et al.			

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
					YES	NO

OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)

RDS	"Polarisation-Insensitive High-Isolation Nonreciprocal Device for Optical Circulator Application," <i>Electronics Letters</i> , 23 rd May 1991, Vol. 27 No. 11.
RDS	"High-isolation polarization-insensitive N-port optical circulator," <i>Applied Optics</i> , 1 March 1997, Vol. 36, No. 7.

EXAMINER

DATE CONSIDERED

RDS

9/29/00

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353 U.S. PTO
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U.S. PATENT DOCUMENTS

EXAMINER INITIALS		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPRO.)
RDS		4 6 5 0 2 8 9	Mar 17, 1987	Kuwahara			
RDS		4 4 8 2 2 0 2	Nov 13, 1984	Nagao			
RDS		5 6 8 2 4 4 6	Oct 28, 1997	Pan et al.			
RDS		5 6 8 9 5 9 3	Nov 18, 1997	Pan et al.			
RDS		5 4 0 0 4 1 8	Mar 21, 1995	Pearson et al.			
RDS		4 8 5 9 0 1 4	Aug 22, 1989	Schmitt et al.			

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RDS		"Polarization-Independent Optical Circulator Having High Isolation over a Wide Wavelength Range," Yohji Fujii, <i>IEEE</i> 1992.
RDS		"Magneto-optic circulator for optical fiber transmission," <i>J. Appl. Phys.</i> 65(14), 15 February 1989.

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JCS63 U.S. PTO
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09/23/99

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPRO.)
RNS	5 2 1 2 5 8 6	May 18, 1993	Van Delden			

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation
					YES NO

OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)

RNS		"Waveguide Polarization-Independent Optical Circulator," Sugimoto et al., <i>IEEE</i> 1999.
RNS		"High-Isolation Polarization-Independent Optical Circulator," Fujii, 1991 <i>IEEE</i> .
RNS		"Wideband temperature-compensated optical isolator or circulator configuration using two Faraday elements," <i>Optics Letters</i> , vol. 14, No. 21, November 1, 1989.
RNS		"High-Isolation Polarization-Independent Optical Circulator Coupled with Single-Mode Fibers," <i>Journal of Lightwave Technology</i> , Vol. 9, No. 4, April 1991.
RNS		"Quasi-Optical Ferrite Reflection Circulator," <i>IEEE Transactions on Microwave Theory and Techniques</i> , Vol. 41, No. 12, December 1993.

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DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
					YES	NO

OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)

KD)		"Compact high-isolation polarization-independent optical circulator," <i>Optics Letters</i> , February 1, 1993, Vol. 18, No. 3.
KD)		"High-isolation polarization-independent optical quasi-circulator with a simple structure," <i>Optics Letters</i> , April 1, 1998, Vol. 23, No. 7.
KDS		"High-Isolation Polarization-Independent Quasi-Optical Circulator," <i>Journal of Lightwave Technology</i> , Vol. 10, No. 9, September 1992.
RDs		"High-Isolation Polarization-Insensitive Optical Circulator for Advanced Optical Communication Systems," <i>Journal of Lightwave Technology</i> , Vol. 10, No. 9, September 1992.

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09/404,416

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2874

U.S. PATENT DOCUMENTS

EXAMINER INITIALS	DOCUMENT NUMBER								DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPRO.)
_____	4	9	7	8	1	8	9	Dec 18, 1990	Blonder et al.				
_____	4	9	8	8	1	7	0	Jan 29, 1991	Buhrer				
_____	5	5	7	4	5	9	6	Nov 12, 1996	Cheng				
_____	4	4	6	4	0	2	2	Aug 7, 1984	Emkey				
_____	5	2	0	4	7	7	1	Apr 20, 1993	Koga				
_____	5	3	1	9	4	8	3	Jun 7, 1994	Krasinski et al.				

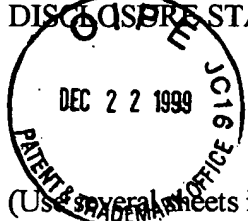
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			<p>"Polarisation-Insensitive High-Isolation Nonreciprocal Device for Optical Circulator Application," <i>Electronics Letters</i>, 23rd May 1991, Vol. 27 No. 11.</p> <p>"High-isolation polarization-insensitive N-port optical circulator," <i>Applied Optics</i>, 1 March 1997, Vol. 36, No. 7.</p>
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EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPRO.)
	4 6 3 0 2 8 9	Mar 17, 1987	Kuwahara			
	4 4 8 2 2 0 2	Nov 13, 1984	Nagao			
	5 6 8 2 4 4 6	Oct 28, 1997	Pan et al.			
	5 6 8 9 5 9 3	Nov 18, 1997	Pan et al.			
	5 4 0 0 4 1 8	Mar 21, 1995	Pearson et al.			
	4 8 5 9 0 1 4	Aug 22, 1989	Schmitt et al.			

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	"Magneto-optic circulator for optical fiber transmission," <i>J. Appl. Phys.</i> 65(14), 15 February 1989.

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	5 2 1 2 5 8 6	May 18, 1993	Van Delden			

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		"Waveguide Polarization-Independent Optical Circulator," Sugimoto et al., <i>IEEE</i> 1999
		"High-Isolation Polarization-Independent Optical Circulator," Fujii, 1991 <i>IEEE</i>
		"Wideband temperature-compensated optical isolator or circulator configuration using two Faraday elements," <i>Optics Letters</i> , vol. 14, No. 21, November 1, 1989.
		"High-Isolation Polarization-Independent Optical Circulator Coupled with Single-Mode Fibers," <i>Journal of Lightwave Technology</i> , Vol. 9, No. 4, April 1991.
		"Quasi-Optical Ferrite Reflection Circulator," <i>IEEE Transactions on Microwave Theory and Techniques</i> , Vol. 41, No. 12, December 1993.

EXAMINER

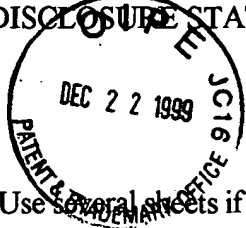
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EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPRO.)
MS	5 6 0 6 4 3 9	Feb 25, 1997	Wu			

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		"Compact high-isolation polarization-independent optical circulator," <i>Optics Letters</i> , February 1, 1993, Vol. 18, No. 3.
		"High-isolation polarization-independent optical quasi-circulator with a simple structure," <i>Optics Letters</i> , April 1, 1998, Vol. 23, No. 7.
		"High-Isolation Polarization-Independent Quasi-Optical Circulator," <i>Journal of Lightwave Technology</i> , Vol. 10, No. 9, September 1992.
		"High-Isolation Polarization-Insensitive Optical Circulator for Advanced Optical Communication Systems," <i>Journal of Lightwave Technology</i> , Vol. 10, No. 9, September 1992.

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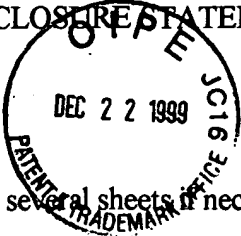
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RDS	5 7 2 4 1 6 5	Mar 3, 1998	Wu			
	5 8 6 7 2 9 1	Feb 2, 1999	Wu et al.			
RDS	5 9 1 2 7 4 8	Jun 15, 1999	Wu et al.			

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